

SECRET

SYSTEM VI MISSION PREFLIGHT DATA

25X1

SPECIAL HANDLING REQUIRE

1. Date of mission: 21 NOV 62 Mission number A/C number 335
 Date of preflight: 20 NOV 62

2. Technical Data:

| | P BAND | | L BAND | | S BAND | | X BAND | |
|--|------------------------|--|----------------------------------|------------------------|---------------------------------|-----------------------|------------------------|------------------------|
| | | | Left | Right | Left | Right | Left | Right |
| Noise.....MV | <u>75</u> | | <u>100</u> | <u>100</u> | <u>100</u> | <u>100</u> | <u>200</u> | <u>200</u> |
| Tangential Sensitivity, Preflight.....DEM | <u>84</u> | | <u>49</u> | <u>49</u> | <u>47</u> | <u>47</u> | <u>51</u> | <u>51</u> |
| Tangential Sensitivity, Postflight.....DEM | <u>81</u> | | <u>20</u> | <u>20</u> | <u>46</u> | <u>46</u> | <u>51</u> | <u>51</u> |
| Maximum Output).....VOLTS At Saturation).....DEM | <u>14</u> <u>25</u> | | <u>15</u> <u>15</u> | <u>15</u> <u>15</u> | <u>15</u> <u>0</u> | <u>15</u> <u>0</u> | <u>10</u> <u>31</u> | <u>10</u> <u>31</u> |
| Calibration Signal.....DEM | <u>74</u> | | <u>40</u> | <u>-</u> | <u>27</u> | <u>-</u> | <u>41</u> | <u>-</u> |
| Filter Assembly | | | <u>300</u> MC to <u>2</u> KMC | | <u>2</u> KMC to <u>8</u> KMC | | | |
| Antenna Indexed | <u>YES</u> | | <u>YES</u> | <u>YES</u> | <u>YES</u> | <u>YES</u> | <u>YES</u> | <u>YES</u> |
| Information Amplifier # | <u>8</u> | | <u>27</u> | | <u>10</u> | | <u>15</u> | |
| Radio Amplifier # | | | | | | | <u>106</u> | |
| HRB Preamplifier # | <u>1001</u> | | | | | | | |
| HRB Power Supply # | <u>2</u> | | | | | | | |

Signal Generator Test Setting:

a.
b.
c.
d.

25X1

Master Recorder.....# 700 (Track 1: P Band; Track 3: S Band)

Slave Recorder.....# 720 (Track 1: X Band; Track 3: L Band)

Information Amplifier Power Supplies # 117 and # 102

Control Box.....# 100

Junction Box.....# 105

Timing Unit(____ seconds).....# 104

25 YEAR RE-REVIEW

3. Check list:

- 1 KC and 3 KC tones present on track 2 of slave recorder in left position of antenna selector switch YES.
- 1 KC and 3 KC tones present on track 2 of master recorder in left position of antenna selector switch YES.
- Timer switching frequency

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4. Flight clearance: Hatch hookup OK Systems junction box circuit breakers OK

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